



Advanced Diagnosis of Schistosomiasis

Guest Editor:

Dr. Takashi Kumagai

Department of Health Sciences,
Nippon Bunri University, Oita
870-0397, Japan

Deadline for manuscript
submissions:

closed (20 October 2023)

Message from the Guest Editor

Dear Colleagues,

Schistosomiasis is one of the neglected tropical diseases (NTDs) defined by World Health Organization (WHO), posing a transmission risk to more than 800 million people worldwide and causing high morbidity and mortality. The WHO is implementing measures centered on MDAs with the goal of “elimination as a public health risk” by 2030. However, there is an urgent need to develop diagnostic and post-treatment monitoring methods with high sensitivity and specificity, as well as systems for monitoring infected snails. In this Special Issue, we will discuss novel and innovative human and animal diagnostic methods for schistosomiasis, including immunological diagnosis methods (ELISA, simple rapid diagnostic kits), molecular diagnosis methods (qPCR, digital-droplet PCR, LAMP, miRNA detection), and gene detection technologies for monitoring intermediate host snails (environmental DNA, risk mapping, etc.). We would appreciate your consideration of our contribution.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Moriya Tsuji

School of Engineering Medicine,
Texas A&M University, 2121 West
Holcombe Blvd., Suite 1007,
Houston, TX 77030, USA

Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics. *Pathogens* is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, CaPlus / SciFinder, AGRIS, and other databases.

Journal Rank: JCR - Q2 (Microbiology) / CiteScore - Q1 (Infectious Diseases)

Contact Us

Pathogens Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/pathogens
pathogens@mdpi.com
[X@Pathogens_MDPI](https://twitter.com/Pathogens_MDPI)